

# INFINITUM PICO SERIES



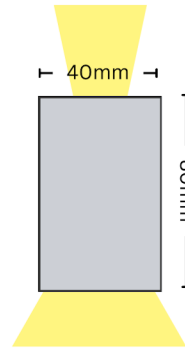
## 40Beam UP/DOWN Linear Profile

40mm Wide x 80mm High



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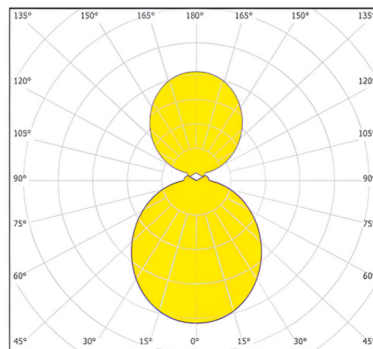
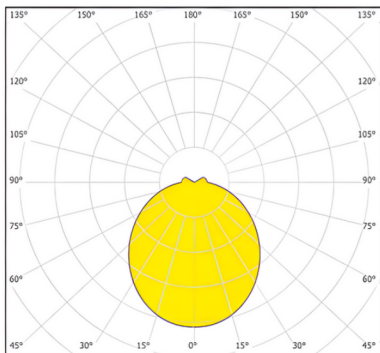
SYDNEY  
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## Product Specifications

|                               |   |
|-------------------------------|---|
| Fixture Material              | Aluminium   |
| Finish                        | White, Black, Custom  |
| Mounting Option               | Suspended, Surface  |
| Orientation                   | Direct and Indirect   |
| Power                         | Direct: 10-25W/m, Indirect: 10-15W/m                          |
| Diffuser                      | Opal, Microprismatic  |
| Lumen Efficacy                | Up to 110 Lumens/Watt   |
| Binning                       | 3 Step MacAdam  |
| Correlated Colour Temperature | 2700K, 3000K, 3500K, 4000K, 5000K, 6000K, Tunable White, RGBW |
| Colour Rendering Index        | >90, >95  |
| R9 Value                      | >50   |
| Input Voltage                 | 220-240VAC 50-60Hz  |
| THD                           | <10%  |
| Control Options               | DALI, DALI DT8, Push Dim, 0-10V, Casambi                      |
| LED Driver                    | Philips Xitanium Driver                                       |
| Power Factor                  | >0.98   |
| Protection Class              | Class I   |
| Ambient Operating Temperature | -25° to 50°   |
| Lumen Maintenance             | L80 B10 72,000 Hours  |
| Ingress Protection            | IP20  |
| Bend Options                  | 90°, 135°, T, X, Y, Custom                                    |
| Warranty                      | 7 Years   |

## Photometry



## Colour Rendering Index

The Color Rendering Index (CRI) serves as a metric to gauge how accurately a light source portrays the colors of various objects in a given space. Originally comprised of 8 sample colors, the CRI has expanded to 15 samples to provide a more comprehensive evaluation. Notably, within these samples, R9 to R15 focus on assessing special colors with high chroma. Specifically, R9 evaluates the rendering of red tones, while R15 is dedicated to evaluating the portrayal of skin tones. This extension of color samples, coupled with attention to high-chroma colors, enhances the precision in evaluating a light source's ability to faithfully reproduce a diverse range of colors.

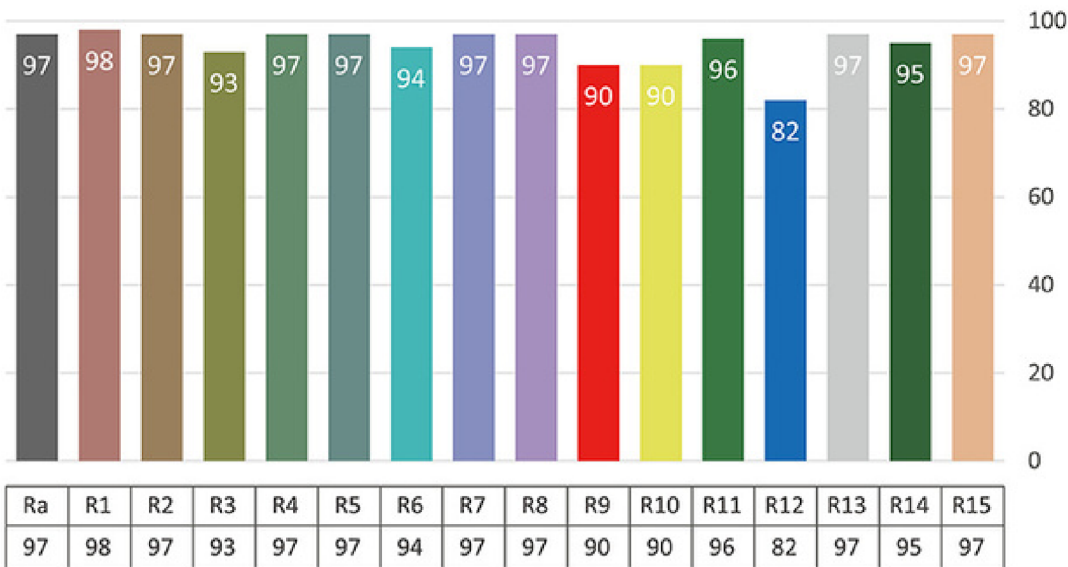
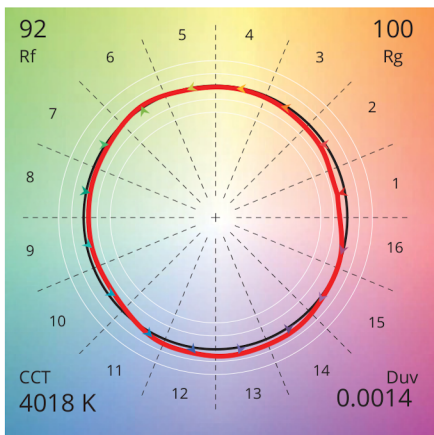


Fig 1 - Colour Rendering Index 4000K, CRI >95

**TM30** Rf 92  
Rg 100



### IES TM-30

TM-30 is the Illuminating Engineering Society (IES) Method for Evaluating Light Source Color Rendition, is a standard developed by the IES to assess the color rendering properties of light sources. It provides a comprehensive set of metrics and values that go beyond the traditional color rendering index (CRI), offering a more detailed and accurate understanding of how well a light source renders colors.

Fig 2 -Colour Vector Graphic 4000K, CRI >90